

METHOD AND APPARATUS FOR TESTING AN IP NETWORK

STATEMENT OF RELATED APPLICATIONS

[0001] This application claims the benefit of priority to U.S. Provisional Patent Application Number 60/421,303, filed October 25, 2002, entitled "IP Measurement Protocol."

C.H. [0002] This application is also related to copending U.S. Patent Application Number 10/648552 [Docket No. D3056B], entitled "Method For Monitoring Performance Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0003] This application is also related to copending U.S. Patent Application Number 10/648622 [Docket No. D3056C], entitled "Method For Performing Remote Testing Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0004] This application is also related to copending U.S. Patent Application Number 10/648690 [Docket No. D3056D], entitled "Method For Enabling Initiation Of Testing Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

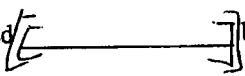
C.H. [0005] This application is also related to copending U.S. Patent Application Number 10/648682 [Docket No. D3056E], entitled "Method For Converting An IP Measurement Protocol To A Data Packet," filed concurrently herewith by the same

Docket: D3056A

inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0006] This application is also related to copending U.S. Patent Application Number 10/648549 [Docket No. D3056F], entitled "Method For Enabling Non-Predetermined Testing Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0007] This application is also related to copending U.S. Patent Application Number 10/648866 [Docket No. D3056G], entitled "Method For Using Different Packet Type And Port Options Values In An IP Measurement Protocol Packet From Those Used To Process The Packet," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0008] This application is also related to copending U.S. Patent Application Number 10/694632 [Docket No. D3057], entitled "Use Of Synchronized Clocks To Provide Input And Output Time Stamps For Performance Measurement Of Traffic Within A Communications System," filed  by at least one of the same inventors and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

FIELD OF THE INVENTION

[0009] The present invention is directed to methods and apparatuses for transmitting

METHOD AND APPARATUS FOR TESTING AN IP NETWORK

STATEMENT OF RELATED APPLICATIONS

[0001] This application claims the benefit of priority to U.S. Provisional Patent Application Number 60/421,303, filed October 25, 2002, entitled "IP Measurement Protocol."

C.H. [0002] This application is also related to copending U.S. Patent Application Number 10/648552 [Docket No. D3056B], entitled "Method For Monitoring Performance Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0003] This application is also related to copending U.S. Patent Application Number 10/648622 [Docket No. D3056C], entitled "Method For Performing Remote Testing Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0004] This application is also related to copending U.S. Patent Application Number 10/648690 [Docket No. D3056D], entitled "Method For Enabling Initiation Of Testing Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

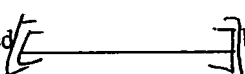
C.H. [0005] This application is also related to copending U.S. Patent Application Number 10/648682 [Docket No. D3056E], entitled "Method For Converting An IP Measurement Protocol To A Data Packet," filed concurrently herewith by the same

Docket: D3056A

inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0006] This application is also related to copending U.S. Patent Application Number 10/648549 [Docket No. D3056F], entitled "Method For Enabling Non-Predetermined Testing Of Network Using IP Measurement Protocol Packets," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0007] This application is also related to copending U.S. Patent Application Number 10/648866 [Docket No. D3056G], entitled "Method For Using Different Packet Type And Port Options Values In An IP Measurement Protocol Packet From Those Used To Process The Packet," filed concurrently herewith by the same inventor and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

C.H. [0008] This application is also related to copending U.S. Patent Application Number 10/694632 [Docket No. D3057], entitled "Use Of Synchronized Clocks To Provide Input And Output Time Stamps For Performance Measurement Of Traffic Within A Communications System," filed  by at least one of the same inventors and assigned to the same assignee, which application is hereby incorporated by reference as if repeated herein in its entirety, including the drawings.

FIELD OF THE INVENTION

[0009] The present invention is directed to methods and apparatuses for transmitting